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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Applicati n Number	09/808,790
Filing Date	March 15, 2001
First Named Inventor	Krishna Vepa et al.
Art Unit	1765
Examiner Name	Lan Vinh
Attorney Docket Number	20468-000110

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U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
LV	A	US-4,054,010	10-18-1977	Vern D. Shipman	
	B	US-4,066,943	01-03-1978	Jacques L. Roch	
	C	US-4,149,343	04-17-1979	Fritz Feldmeier	
	D	US-4,853,286	08-01-1989	Osamu Narimatsu et al.	
	E	US-4,941,293	07-17-1990	Danald L. Ekhoﬀ	
	F	US-5,056,971	10-15-1991	Marco Sartori	
	G	US-5,173,863	12-22-1992	Michael W. Martin	
	H	US 5,178,461	01-12-1993	Toru Taniguchi	
	I	US 5,209,760	05-11-1993	Ronald C. Wiand	
	J	US 5,494,862	02-27-1996	Tadahiro Kato et al.	
	K	US 5,549,511	08-27-1996	John E. Cronin et al.	
	L	US 5,567,503	10-22-1996	John S. Sexton et al.	
	M	US 5,582,534	12-10-1996	Norm Shendon et al.	
	N	US 5,679,055	10-21-1997	George W. Greene et al.	
	O	US 5,579,212	10-21-1997	Tadahiro Kato et al.	
	P	US 5,697,832	12-16-1997	David Greenlaw et al.	
	AA	US 5,733,175	03-31-1998	Michael A. Leach	
	AB	US 5,735,731	04-07-1998	Byoung-hun Lee	
	AC	US 5,755,614	05-26-1998	Jahn A. Adams et al.	
	AD	US 5,800,725	09-01-1998	Tadahiro Kato et al.	
	AE	US 5,820,449	10-13-1998	Richmond B. Clover	
	AF	US 5,821,166	10-13-1998	Hirofumi Hajime et al.	
	AG	US 5,827,779	10-27-1998	Hisashi Masumura et al.	
	AH	US 5,830,045	11-03-1998	Tetsuji Togawa	
	AI	US 5,842,910	12-01-1998	T. C. Krywanczyk et al.	
	AJ	US 5,849,636	12-15-1998	Takamitsu Harada et al.	
	AK	US 5,851,664	12-22-1998	Richard E. Bennett et al.	
	AL	US 5,851,924	12-22-1998	Atsuo Nakazawa et al.	
	AM	US 5,855,735	01-05-1999	Satoru Takada et al.	
	AN	US 5,865,578	02-02-1999	Elmar Benedikter	
	AO	US 5,879,222	03-09-1999	Karl M. Robinson	
	AP	US 5,880,027	03-09-1999	Hirofumi Hajime et al.	
	AQ	US 5,899,743	05-04-1999	Fumitaka Kai et al.	
	AR	US 5,913,712	06-22-1999	Hector Molinar	
LV	AS	US 5,941,759	08-24-1999	Kenkichi Kitajima et al.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

Complete if Known	
Application Number	09/808,790
Filing Date	March 15, 2001
First Named Inventor	Krishna Vepa et al
Art Unit	1765
Examiner Name	Lan Vinh
Attorney Docket Number	20468-000110

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U.S. PATENT DOCUMENTS

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		Number Kind Code ² (if known)			
LV	AT	US 5,942,445	08-24-1999	Tadahiro Kato et al.	
	AU	US 5,951,374	09-14-1999	Tadahiro Kato et al.	
	AV	US 5,963,821	10-05-1999	Fumitaka Kai et al.	
	AW	US 5,964,646	10-12-1999	Salman M. Kassir et al.	
	AX	US 5,967,882	10-19-1999	Wayne O. Duescher	
	AY	US 5,976,260	11-02-1999	Yoshimi Kinoshita et al.	
	AZ	US 5,980,366	11-09-1999	Thomas Waddle et al.	
	BA	US 5,981,391	11-09-1999	Yutaka Yamada	
	BB	US 5,985,045	11-16-1999	Thomals S. Kobayashi	
	BC	US 6,036,582	03-14-2000	Hideo Aizawa et al.	
	BD	US 6,042,459	03-28-2000	Katsuo Honda	
	BE	US 6,046,117	04-04-2000	Theresia Bauer et al.	
	BF	US 6,050,880	04-18-2000	Tadahiro Kato et al.	
	BG	US 6,056,631	05-02-2000	Thomas M. Brown et al.	
	BH	US 6,063,232	05-16-2000	Yukihiko Terasawa et al.	
	BI	US 6,077,149	06-20-2000	Sadayuki Ohkuni et al.	
	BJ	US 6,089,963	07-18-2000	Ronald C. Wiand et al.	
	BK	US 6,095,897	08-01-2000	Mark Andrew Stocker et al.	
	BL	US 6,095,904	08-01-2000	Joseph R. Breivogel et al.	
	BM	US 6,102,784	08-15-2000	Christopher J. Lichner	
	BN	US 6,103,636	08-15-2000	Russell C. Zahorik et al.	
	BO	US 6,114,245	09-05-2000	Roland Vandamme et al.	
	BP	US 6,116,987	09-12-2000	Yuzo Kubo	
	BQ	US 6,121,111	09-19-2000	Syun-Ming Jang et al.	
	BR	US 6,132,289	10-17-2000	Michael Labunsky et al.	
	BS	US 6,132,294	10-17-2000	Chenting Lin	
	BT	US 6,149,507	11-21-2000	Sang-seon Lee et al.	
	BU	US 6,152,806	11-28-2000	James C. Nystrom	
	BV	US 6,156,676	12-05-2000	Nobuyoshi Sato et al.	
	BW	US 6,159,827	12-12-2000	Makoto Kataoka et al.	
	BX	US 6,162,112	12-19-2000	Kyoichi Miyazaki et al.	
	BY	US 6,168,506 B1	01-02-2001	Bob McJunkin	
	BZ	US 6,183,352 B1	02-06-2001	Shuu Kurisawa	
	CA	US 6,184,139 B1	02-06-2001	John A. Adams et al.	
LV	CB	US 6,184,141 B1	02-06-2001	Steven C. Avanzino et al.	

Examiner Signature		Date Considered	5/1/2003
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Sheet **3** of **4**

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First Named Inventor	Krishna Vepa et al.
Art Unit	1765
Examiner Name	Lan Vinh
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		Number Kind Code ² (if known)			
LV	CC	US 6,196,904 B1	03-06-2001	Hisanori Matsuo et al.	
	CD	US 6,210,259 B1	04-03-2001	Daniel Malkin et al.	
	CE	US 6,217,433 B1	04-17-2001	James A. Herman et al.	
	CF	US 6,220,949 B1	04-24-2001	Kanji Hayashi et al.	
	CG	US 6,224,473 B1	05-01-2001	Bradley J. Miller et al.	
	CH	US 6,225,136 B1	05-01-2001	Justin R. Lydon et al.	
	CI	US 6,227,944 B1	05-08-2001	Yun-BiaoXin et al.	
	CJ	US 6,227,950 B1	05-08-2001	Gene Hempel et al.	
	CK	US 6,239,039 B1	05-29-2001	Takashi Nihonmatsu et al.	
	CL	US 6,270,392 B1	08-07-2001	Yoshihiro Hayashi et al.	
	CM	US 6,270,395 B1	08-07-2001	Daniel I. Towery et al.	
	CN	US 6,312,320 B2	11-06-2001	YasuharuSato et al.	
	CO	US 6,354,918 B1	03-12-2002	Tetsuji Togawa et al.	
	CP	US 6,358,117 B1	03-19-2002	Tadahiho Kato et al.	
	CQ	US 6,358,125 B2	03-19-2002	Kiyotaka Kawashima et al.	
	CR	US 6,361,202 B1	03-26-2002	Hang-Chang Lee et al.	
	CS	US 6,376,395 B2	04-23-2002	Jiri L. Vasat	
	CT	US 6,391,779 B1	05-21-2002	John Skrovan	
	CU	US 6,406,364 B1	06-18-2002	Norio Kimura et al.	
	CV	US 6,419,574 B1	07-16-2002	Tsutomu Takahashi et al.	
	CW	US 6,431,959 B1	08-13-2002	Katrina Mikhaylich et al.	
	CX	US 6,491,836 B1	12-10-2002	Tadahiho Kato et al.	
	CY	US-2001/0006882 A1	07-05-2001	Ulrich Finkenzeller et al.	
LV	CZ	US-2002/0048213 A1	04-25-2002	Jeffrey Alexander Wilmer et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	CAA	EP	0776030	A2	05-28-1997	Hisashi Masumura et al.		<input type="checkbox"/>
	CBB	EP	0940219	A2	09-08-1999	Shunji Hakomori et al.		<input type="checkbox"/>
	CCC	EP	1050374	A2	11-08-2000	Robert D. Tolles et al.		<input type="checkbox"/>
	CDD	JP	10-146751	A	06-02-1998	Not translated		<input type="checkbox"/>

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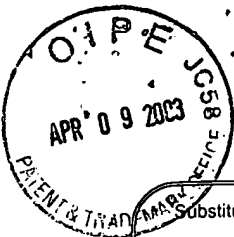
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
LV	CEE	JP	10-242088	A	09-11-1998	Not translated		<input type="checkbox"/>
	CFF	JP	10-256203	A	09-25-1998	Not translated		<input type="checkbox"/>
	CGG	JP	61-152358	A	07-11-1986	Not translated		<input type="checkbox"/>
	CHH	JP	6-295891	A	10-21-1994	Not translated		<input type="checkbox"/>
	CII	WO	99/09588	A1	02-25-1999	Roland Vandamme		<input type="checkbox"/>
LV	CJJ	WO	99/31723	A1	06-24-1999	Eugene C. Davis et al.		<input type="checkbox"/>
	CKK							<input type="checkbox"/>

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LV	CLL	Systems Dynamics, Inc. web page, www.sysdyn.com/expages/LMIS.htm , May 2, 2001, 2 pages.	
LV	CMM	GSI LUMONICS WaferMark® SigmaXC Nd:YLF-Laser Marking System, www.marwell.se/mls2/15wmsxc.html , May 5, 2001, 2 pages.	
LV	CNN	Norbert Maurer et al., High Speed Laser Marking Pen-type Nd: YAG Systems, SemiconductorFabtech.com TAP RESOURCE, www.fabtech.org/features/tap/articles/02.309.html , May 2, 2001, pages 1-6.	

Examiner Signature		Date Considered	5/1/2003
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